

Claims

1. A fastener bag which comprises a pair of opposed flat surface portions and a pair of side surface portions disposed between both side edges of the flat surface portions, the side surface portions being folded inward so as to provide a gusset-type bag, and in which a fastener for opening or closing the packaging bag is provided to the inner surface thereof, wherein

said fastener comprises a male portion having a base portion on one surface side of which a projected thread is formed so as to extend in a longitudinal direction thereof and a female portion having a base portion on one surface side of which an engaging groove detachably engaged with the projected thread is formed so as to extend in a longitudinal direction thereof,

said male portion and said female portion are bonded so that the projected thread and the engaging groove face each other in a manner that the one side surface of one of the base portions and the other one side surface of the other one of the base portions are bonded to the one of the flat surface side portions or the one of the side surface portions, and

a cut-tape for separating the one of the flat surface portions or the one of the side surface portions to the male portion side and the female portion side is provided between the projected thread and the engaging groove.

2. The fastener bag according to claim 1, wherein a pair of said flat surface portions and a pair of said side surface portions constitute a tubular bag body having both ends opened as end openings, one of the

end openings of the bag body is closed by a bottom surface portion, and the bottom surface portion provides a flat shape.

3. The fastener bag according to claim 1 or 2, wherein said fastener and said cut-tape are disposed so as to extend in a horizontal direction of the fastener bag, the flat surface portion or side surface portion on which the cut-tape is provided is formed with a tab portion for opening the bag at a position corresponding to at least one end in an axial direction of the cut-tape by forming cut-in portions with the end of the cut-tape being the center thereof so as to separate a portion of the cut-tape from the flat surface portion or side surface portion.

4. The fastener bag according to claim 1 or 2, wherein said fastener and said cut-tape are disposed so as to extend in an oblique direction with respect to an end edge of the flat surface portion or side surface portion on which the fastener and the cut-tape are provided, the flat surface portion or side surface portion on which the cut-tape is provided is formed with a tab portion for opening the bag at a position corresponding to at least one end in an axial direction of the cut-tape by forming cut-in portions with the end of the cut-tape being the center thereof so as to separate a portion of the cut-tape from the flat surface portion or side surface portion.

5. The fastener bag according to claim 1 or 2, wherein said fastener and said cut-tape are disposed so as to extend in a vertical direction of the fastener bag, the flat surface portion or side surface portion on which the cut-tape is provided is formed with a tab portion for opening the bag at a position corresponding to at least one end in an axial direction of the cut-tape by forming cut-in portions with the end of the cut-tape being the center thereof so as to separate a portion of the cut-tape from the flat

surface portion or side surface portion.

6. The fastener bag according to claim 3 or 4, wherein said flat surface portion and said side surface portion have boundary portions therebetween, to which fused portions formed by bonding the flat surface portion and the side surface portion are formed, said cut-tape is disposed so that the axial end of the cut-tape reaches the fused portion, and a non-fused portion is formed to the fused portion at a position corresponding to the end of the cut-tape so that a boundary portion between the fused portion and the non-fused portion surround the tab portion.

7. The fastener bag according to claim 4 or 5, wherein said bag body and said bottom surface portion have a boundary portion therebetween, to which fused portions formed by bonding the bag body and the bottom surface portion are formed, said cut-tape is disposed so that the axial end of the cut-tape reaches the fused portion, and a non-fused portion is formed to the fused portion at a position corresponding to the end of the cut-tape so that a boundary portion between the fused portion and the non-fused portion surround the tab portion.